

Land use density

Description: Land use density was derived as a part of the morphometric analysis of the built environment that was conducted by the Cochrane Institute of Primary Care and Public Health, Cardiff University.

Density was measured for different land use classes within 0.5, 1.0, 1.5, 2.0 kilometre street network catchments of UK Biobank respondent's dwelling as well as within the lower super output areas (LSOA) in which they resided. The land use classes were defined in 217 different categories (such as commercial, residential, prison, law court, brewery, recycling plant) at 4 different levels of detail. Each column in the file represents one land use category. The header file defines names and labels (i.e. land use classes) for each column.

For more information and detailed description of the methodology and variables please refer to the 'MORPHOMETRIC ANALYSIS OF THE BUILT ENVIRONMENT IN UK BIOBANK: DATA ANALYSES AND SPECIFICATION MANUAL' in the 'Additional Resources' tab.

Description	File
Header file defining names and labels for columns in tables below	Wales_UKB_LU_Density_Header.csv
Density of land uses within LSOA in which the UK Biobank participant resides	Wales_UKB_LU_Density_LSOA.csv UKB_London_LU_Density_LSOAs.csv
Density of land uses within 500 metres street catchment area from the UK Biobank participant's residence	Wales_UKB_LU_Density_Netbuf500m.csv UKB_London_LU_Density_Netbuf500m.csv
Density of land uses within 1000 metres street catchment area from the UK Biobank participant's residence	Wales_UKB_LU_Density_Netbuf1000m.csv UKB_London_LU_Density_Netbuf1000m.csv
Density of land uses within 1500 metres street catchment area from the UK Biobank participant's residence	Wales_UKB_LU_Density_Netbuf1500m.csv UKB_London_LU_Density_Netbuf1500m.csv
Density of land uses within 2000 metres street catchment area from the UK Biobank participant's residence	Wales_UKB_LU_Density_Netbuf2000m.csv UKB_London_LU_Density_Netbuf2000m.csv

Description of variables used for calculation of land use density

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
1	Encoded anonymised participant	-	-	-	-	-	-	-	-	-	-
2	Buffer/LSOA area (sq Km)	-	-	-	-	-	-	-	-	-	-
3	Den_CA01	CA01	Farm / Non-Residential Associated Building	C	A	1		Commercial	Agricultural	Farm / Non-Residential Associated Building	
4	Den_CA02	CA02	Fishery	C	A	2		Commercial	Agricultural	Fishery	
		CA02FF	Fish Farming	C	A	2	FF	Commercial	Agricultural	Fishery	Fish Farming
		CA02FH	Fish Hatchery	C	A	2	FH	Commercial	Agricultural	Fishery	Fish Hatchery
		CA02FP	Fish Processing	C	A	2	FP	Commercial	Agricultural	Fishery	Fish Processing
		CA02OY	Oyster / Mussel Bed	C	A	2	OY	Commercial	Agricultural	Fishery	Oyster / Mussel Bed
5	Den_CA03	CA03	Horticulture	C	A	3		Commercial	Agricultural	Horticulture	
		CA03SH	Smallholding	C	A	3	SH	Commercial	Agricultural	Horticulture	Smallholding
		CA03VY	Vineyard	C	A	3	VY	Commercial	Agricultural	Horticulture	Vineyard
		CA03WB	Watercress Bed	C	A	3	WB	Commercial	Agricultural	Horticulture	Watercress Bed
6	Den_CA04	CA04	Slaughter House	C	A	4		Commercial	Agricultural	Slaughter House / Abattoir	
	Abattoir										

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
7	Den_CB	CB	Ancillary Building	C	B			Commercial	Ancillary Building		
8	Den_CC	CC	Community Services	C	C			Commercial	Community Services		
9	Den_CC02	CC02	Law Court	C	C	2		Commercial	Community	Law Court	
	Den_CC03	CC03	Prison	C	C	3		Commercial	Community	Prison	
		CC03HD	HM Detention Centre	C	C	3	HD	Commercial	Community Services	Prison	HM Detention Centre
		CC03PR	HM Prison Service	C	C	3	PR	Commercial	Community Services	Prison	HM Prison Service
10		CC03SC	Secure Residential Accommodation	C	C	3	SC	Commercial	Community Services	Prison	Secure Residential Accommodation
11	Den_CC04	CC04	Public / Village Hall / Other Community Facility	C	C	4		Commercial	Community Services	Public / Village Hall / Other Community Facility	
		CC04YR	Youth	C	C	4	YR	Commercial	Community Services	Public / Village Hall / Other Community Facility	Youth
Recreational / Social Club	Recreational / Social Club										
12	Den_CC05	CC05	Public	C	C	5		Commercial	Community Services	Public Convenience	
	Convenience										
13	Den_CC06	CC06	Cemetery / Crematorium / Graveyard. In Current Use.	C	C	6		Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	
		CC06CB	Columbarium	C	C	6	CB	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Columbarium

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CC06CR	Chapel Of Rest	C	C	6	CR	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Chapel Of Rest
		CC06CN	Crematorium	C	C	6	CN	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Crematorium
		CC06CY	Cemetery	C	C	6	CY	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Cemetery
		CC06MC	Military Cemetery	C	C	6	MC	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Military Cemetery
		CC06MY	Mortuary	C	C	6	MY	Commercial	Community Services	Cemetery / Crematorium / Graveyard. In Current Use.	Mortuary
14	Den_CC07	CC07	Church Hall / Religious Meeting Place / Hall	C	C	7		Commercial	Community Services	Church Hall / Religious Meeting Place / Hall	
15	Den_CC08	CC08	Community Service Centre / Office	C	C	8		Commercial	Community Services	Community Service Centre / Office	
16	Den_CC09	CC09	Public Household Waste Recycling Centre (HWRC)	C	C	9		Commercial	Community Services	Public Household Waste Recycling Centre (HWRC)	
17	Den_CC10	CC10	Recycling Site	C	C	10		Commercial	Community	Recycling Site	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
18	Den_CC11	CC11	CCTV	C	C	11		Commercial	Community	CCTV	
19	Den_CC12	CC12	Job Centre	C	C	12		Commercial	Community	Job Centre	
20	Den_CE	CE	Education	C	E			Commercial	Education		
21	Den_CE01	CE01	College	C	E	1		Commercial	Education	College	
22	Den_CE01FE	CE01FE	Further Education	C	E	1	FE	Commercial	Education	College	Further Education
23	Den_CE01HE	CE01HE	Higher Education	C	E	1	HE	Commercial	Education	College	Higher Education
24	Den_CE02	CE02	Children's Nursery / Crèche	C	E	2		Commercial	Education	Children's Nursery / Crèche	
25	Den_CE03	CE03	Preparatory / First / Primary / Infant / Junior / Middle School	C	E	3		Commercial	Education	Preparatory / First / Primary / Infant / Junior / Middle School	
26	Den_CE03FS	CE03FS	First School	C	E	3	FS	Commercial	Education	Preparatory / First / Primary / Infant /	First School
27	Den_CE03IS	CE03IS	Infant School	C	E	3	IS		Commercial	Education	Preparatory / First / Primary / Infant /
28	Den_CE03JS	CE03JS	Junior School	C	E	3	JS	Commercial	Education	Preparatory / First / Primary / Infant /	Junior School
29	Den_CE03NP	CE03NP	Non State Primary / Preparatory School	C	E	3	NP	Commercial	Education	Preparatory / First / Primary / Infant / Junior / Middle School	Non State Primary / Preparatory School
30	Den_CE03PS	CE03PS	Primary School	C	E	3	PS	Commercial	Education	Preparatory / First / Primary / Infant /	Primary School
31	Den_CE04	CE04	Secondary / High School	C	E	4		Commercial	Education	Secondary / High School	
32	Den_CE04SS	CE04SS	Secondary School	C	E	4	SS	Commercial	Education	Secondary / High School	Secondary School
33	Den_CE05	CE05	University	C	E	5		Commercial	Education	University	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
34	Den_CE06	CE06	Special Needs Establishment.	C	E	6		Commercial	Education	Special Needs Establishment.	
35	Den_CE07	CE07	Other Educational Establishment	C	E	7		Commercial	Education	Other Educational Establishment	
36	Den_CH	CH	Hotel / Motel / Boarding / Guest House	C	H			Commercial	Hotel / Motel / Boarding / Guest House		
37	Den_CH01	CH01	Boarding / Guest House / Bed And Breakfast / Youth Hostel	C	H	1		Commercial	Hotel / Motel / Boarding / Guest House	Boarding / Guest House / Bed And Breakfast / Youth Hostel	
		CH01YH	Youth Hostel	C	H	1	YH	Commercial	Hotel / Motel / Boarding / Guest House	Boarding / Guest House / Bed And Breakfast / Youth Hostel	Youth Hostel
38	Den_CH02	CH02	Holiday Let/Accommodation/Short-Term Let Other Than CH01	C	H	2		Commercial	Hotel / Motel / Boarding / Guest House	Holiday Let/Accommodation/Short-Term Let Other Than CH01	
39	Den_CH03	CH03	Hotel/Motel	C	H	3		Commercial	Hotel / Motel / Boarding /	Hotel/Motel	
40	Den_CI01	CI01	Factory/Manufacturing	C	I	1		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Factory/Manufacturing	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI01AW	Aircraft Works	C	I	1	AW	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Aircraft Works
		CI01BB	Boat Building	C	I	1	BB	Commercial	Industrial Applicable	Factory/Manufacturing	Boat Building
	Den_CI01								to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites		
		CI01BR	Brick Works	C	I	1	BR	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale	Factory/Manufacturing	Brick Works

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									distribution and extraction sites		
		CI01BW	Brewery	C	I	1	BW	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Brewery
		CI01CD	Cider	C	I	1	CD	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Cider
			Manufacture								Manufacture

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI01CM	Chemical Works	C	I	1	CM	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Chemical Works
		CI01CW	Cement Works	C	I	1	CW	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Cement Works
		CI01DA	Dairy Processing	C	I	1	DA	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution	Factory/Manufacturing	Dairy Processing
	Den_ CI01								storage / wholesale distribution		

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									and extraction sites		
		CI01DY	Distillery	C	I	1	DY	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Distillery
		CI01FL	Flour Mill	C	I	1	FL	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Flour Mill

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI01FO	Food Processing	C	I	1	FO	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Food Processing
		CI01GW	Glassworks	C	I	1	GW	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Glassworks
		CI01MG	Manufacturing	C	I	1	MG	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution	Factory/Manufacturing	Manufacturing

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									and extraction sites		
		CI01OH	Oast House	C	I	1	OH	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Oast House
	Den_ CI01	CI01OR	Oil Refining	C	I	1	OR	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Oil Refining

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI01PG	Pottery	C	I	1	PG	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Pottery
			Manufacturing								Manufacturing
		CI01PM	Paper Mill	C	I	1	PM	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Paper Mill
		CI01PW	Printing Works	C	I	1	PW	Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Factory/Manufacturing	Printing Works

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									storage / wholesale distribution and extraction sites		
		CI01YD	Shipyards	C	I	1	YD	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Shipyards
		CI01SR	Sugar Refinery	C	I	1	SR	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Sugar Refinery

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI01SW	Steel Works	C	I	1	SW	Commercial	Industrial Applicable to manufacturing, engineering,	Factory/Manufacturing	Steel Works
	Den_CI01								maintenance, storage / wholesale distribution and extraction sites		
		CI01TL	Timber Mill	C	I	1	TL	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Factory/Manufacturing	Timber Mill
		CI01WN	Winery	C	I	1	WN	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution	Factory/Manufacturing	Winery

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									and extraction sites		
41	Den_CI02	CI02	Mineral / Ore Working / Quarry / Mine	C	I	2		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Mineral / Ore Working / Quarry / Mine	
		CI02MA	Mineral Mining / Active	C	I	2	MA		Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Mineral / Ore Working / Quarry / Mine
		CI02MD	Mineral Distribution / Storage	C	I	2	MD	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale	Mineral / Ore Working / Quarry / Mine	Mineral Distribution / Storage

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									distribution and extraction sites		
		CI02MP	Mineral Processing	C	I	2	MP	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and	Mineral / Ore Working / Quarry / Mine	Mineral Processing
									extraction sites		
	Den_ CI02	CI02OA	Oil / Gas Extraction / Active	C	I	2	OA	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Mineral / Ore Working / Quarry / Mine	Oil / Gas Extraction / Active

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI02QA	Mineral Quarrying / Open Extraction / Active	C	I	2	QA	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Mineral / Ore Working / Quarry / Mine	Mineral
											Quarrying / Open Extraction / Active
42	Den_C103	CI03	Workshop / Light Industrial	C	I	3		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Workshop / Light Industrial	
		CI03GA	Servicing Garage	C	I	3	GA	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Workshop / Light Industrial	Servicing Garage

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
43	Den_CI04	CI04	Warehouse / Store / Storage Depot	C	I	4		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Warehouse / Store / Storage Depot	
		CI04CS	Crop Handling / Storage	C	I	4	CS	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Warehouse / Store / Storage Depot	Crop Handling / Storage
		CI04PL	Postal Sorting / Distribution	C	I	4	PL	Commercial	Industrial Applicable to manufacturing,	Warehouse / Store / Storage Depot	Postal Sorting / Distribution
	Den_CI04								engineering, maintenance, storage / wholesale distribution and extraction sites		

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI04SO	Solid Fuel Storage	C	I	4	SO	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Warehouse / Store / Storage Depot	Solid Fuel Storage
		CI04TS	Timber Storage	C	I	4	TS	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Warehouse / Store / Storage Depot	Timber Storage
44	Den_C105	CI05	Wholesale Distribution	C	I	5		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Wholesale Distribution	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CI05SF	Solid Fuel Distribution	C	I	5	SF	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Wholesale Distribution	Solid Fuel Distribution
		CI05TD	Timber Distribution	C	I	5	TD	Commercial	Industrial Applicable to manufacturing, engineering, maintenance, storage / wholesale distribution and extraction sites	Wholesale Distribution	Timber Distribution
45	Den_ CI06	CI06	Recycling Plant	C	I	6		Commercial	Industrial Applicable to manufacturing,	Recycling Plant	
									distribution and extraction sites		

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
46	Den_CI07	CI07	Incinerator / Waste Transfer Station	C	I	7		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Incinerator / Waste Transfer Station	
47	Den_CI08	CI08	Maintenance Depot	C	I	8		Commercial	Industrial Applicable to manufacturing, engineering, maintenance,	Maintenance Depot	
48	Den_CL01	CL01	Amusements	C	L	1		Commercial	Leisure - Applicable to recreational	Amusements	
		CL01LP	Leisure Pier	C	L	1	LP	Commercial	Leisure - Applicable to recreational sites and enterprises	Amusements	Leisure Pier
49	Den_CL02	CL02	Holiday / Campsite	C	L	2		Commercial	Leisure - Applicable to recreational	Holiday / Campsite	
		CL02CG	Camping	C	L	2	CG	Commercial	Leisure - Applicable to recreational sites and enterprises	Holiday / Campsite	Camping
		CL02CV	Caravanning	C	L	2	CV	Commercial	Leisure - Applicable to recreational sites and	Holiday / Campsite	Caravanning

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									enterprises		
		CL02HA	Holiday	C	L	2	HA	Commercial	Leisure - Applicable to recreational sites and enterprises	Holiday / Campsite	Holiday
			Accommodation								Accommodation
		CL02HO	Holiday Centre	C	L	2	HO	Commercial	Leisure - Applicable to recreational sites and enterprises	Holiday / Campsite	Holiday Centre
		CL02YC	Youth Organisation Camp	C	L	2	YC	Commercial	Leisure - Applicable to recreational sites and enterprises	Holiday / Campsite	Youth Organisation Camp
50	Den_CL03	CL03	Library	C	L	3		Commercial	Leisure - Applicable to recreational	Library	
		CL03RR	Reading Room	C	L	3	RR	Commercial	Leisure - Applicable to recreational sites	Library	Reading Room
									and enterprises		
51	Den_CL04	CL04	Museum / Gallery	C	L	4		Commercial	Leisure - Applicable to recreational	Museum / Gallery	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CL04AC	Art Centre / Gallery	C	L	4	AC	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Art Centre / Gallery
		CL04AM	Aviation Museum	C	L	4	AM	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Aviation Museum
		CL04HG	Heritage Centre	C	L	4	HG	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Heritage Centre
		CL04IM	Industrial Museum	C	L	4	IM	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Industrial Museum
		CL04MM	Military Museum	C	L	4	MM	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Military Museum
		CL04SM	Science Museum	C	L	4	SM	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Science Museum
		CL04TM	Transport Museum	C	L	4	TM	Commercial	Leisure - Applicable to recreational	Museum / Gallery	Transport Museum

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
									sites and enterprises		
		CL04NM	Maritime Museum	C	L	4	NM	Commercial	Leisure - Applicable to recreational sites and enterprises	Museum / Gallery	Maritime Museum
52	Den_CL06	CL06	Indoor / Outdoor Leisure / Sporting Activity / Centre	C	L	6		Commercial	Leisure - Applicable to recreational sites and	Indoor / Outdoor Leisure / Sporting Activity / Centre	
53	Den_CL06BF	CL06BF	Bowls Facility	C	L	6	BF	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Bowls Facility
54	Den_CL06CK	CL06CK	Cricket Facility	C	L	6	CK	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Cricket Facility
55	Den_CL06DS	CL06DS	Diving / Swimming Facility	C	L	6	DS	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Diving / Swimming Facility
	Den_CL06EQ	CL06EQ	Equestrian Sports Facility	C	L	6	EQ	Commercial	Leisure - Applicable to	Indoor / Outdoor Leisure / Sporting	Equestrian Sports Facility
56									and enterprises	Centre	
57	Den_CL06FB	CL06FB	Football Facility	C	L	6	FB	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Football Facility
58	Den_CL06GF	CL06GF	Golf Facility	C	L	6	GF	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Golf Facility

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
59	Den_CL06LS	CL06LS	Activity / Leisure / Sports Centre	C	L	6	LS	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Activity / Leisure / Sports Centre
60	Den_CL06PF	CL06PF	Playing Field	C	L	6	PF	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Playing Field
61	Den_CL06QS	CL06QS	Racquet Sports Facility	C	L	6	QS	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Racquet Sports Facility
62	Den_CL06RF	CL06RF	Rugby Facility	C	L	6	RF		Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre
63	Den_CL06RG	CL06RG	Recreation Ground	C	L	6	RG	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Recreation Ground
64	Den_CL06SK	CL06SK	Skateboarding Facility	C	L	6	SK	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Skateboarding Facility
65	Den_CL06TB	CL06TB	Tenpin Bowling Facility	C	L	6	TB	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Tenpin Bowling Facility
66	Den_CL06WA	CL06WA	Water Sports Facility	C	L	6	WA	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Water Sports Facility
67	Den_CL06WP	CL06WP	Winter Sports Facility	C	L	6	WP	Commercial	Leisure - Applicable to recreational	Indoor / Outdoor Leisure / Sporting Activity / Centre	Winter Sports Facility

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
68	Den_CL07	CL07	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre / Concert Hall	C	L	7		Commercial	Leisure - Applicable to recreational sites and enterprises	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre / Concert Hall	
		CL07TH	Theatre	C	L	7	TH	Commercial	Leisure - Applicable to recreational sites and enterprises	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre /	Theatre
	Den_CL07									Concert Hall	
		CL07CI	Cinema	C	L	7	CI	Commercial	Leisure - Applicable to recreational sites and enterprises	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre / Concert Hall	Cinema
		CL07EN	Entertainment Complex	C	L	7	EN	Commercial	Leisure - Applicable to recreational sites and enterprises	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre / Concert Hall	Entertainment Complex
		CL07EX	Conference / Exhibition Centre	C	L	7	EX	Commercial	Leisure - Applicable to recreational sites and enterprises	Bingo Hall / Cinema / Conference / Exhibition Centre / Theatre / Concert Hall	Conference / Exhibition Centre
69	Den_CL08	CL08	Zoo / Theme Park	C	L	8		Commercial	Leisure - Applicable to recreational	Zoo / Theme Park	

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CL08AK	Amusement Park	C	L	8	AK	Commercial	Leisure - Applicable to recreational sites and enterprises	Zoo / Theme Park	Amusement Park
		CL08MX	Model Village Site	C	L	8	MX	Commercial	Leisure - Applicable to recreational sites and enterprises	Zoo / Theme Park	Model Village Site
		CL08WZ	Wildlife / Zoological Park	C	L	8	WZ	Commercial	Leisure - Applicable to recreational sites and enterprises	Zoo / Theme Park	Wildlife / Zoological Park
		CL08AQ	Aquatic Attraction	C	L	8	AQ	Commercial	Leisure - Applicable to recreational sites and enterprises	Zoo / Theme Park	Aquatic Attraction
70	Den_CL09	CL09	Beach Hut (Recreational, Non-Residential Use Only)	C	L	9		Commercial	Leisure - Applicable to recreational sites and	Beach Hut (Recreational, Non-Residential Use Only)	
71	Den_CL10	CL10	Licensed Private Members' Club	C	L	10		Commercial	Leisure - Applicable to recreational	Licensed Private Members' Club	
		CL10RE	Recreational / Social Club	C	L	10	RE	Commercial	Leisure - Applicable to recreational sites and enterprises	Licensed Private Members' Club	Recreational / Social Club

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
72	Den_CL11	CL11	Arena / Stadium	C	L	11		Commercial	Leisure - Applicable to recreational	Arena / Stadium	
		CL11SD	Stadium	C	L	11	SD	Commercial	Leisure - Applicable to recreational sites and enterprises	Arena / Stadium	Stadium
		CL11SJ	Showground	C	L	11	SJ	Commercial	Leisure - Applicable to recreational sites and enterprises	Arena / Stadium	Showground
73	Den_CM	CM	Medical	C	M			Commercial	Medical		
74	Den_CM01	CM01	Dentist	C	M	1		Commercial	Medical	Dentist	
75	Den_CM02	CM02	General	C	M	2		Commercial	Medical	General Practice Surgery / Clinic	
			Practice Surgery / Clinic								
76	Den_CM02HL	CM02HL	Health Care Services	C	M	2	HL	Commercial	Medical	General Practice Surgery / Clinic	Health Care Services
77	Den_CM02HC	CM02HC	Health Centre	C	M	2	HC	Commercial	Medical	General Practice Surgery / Clinic	Health Centre
78	Den_CM03	CM03	Hospital / Hospice	C	M	3		Commercial	Medical	Hospital / Hospice	
79	Den_	CM03HI	Hospice	C	M	3	HI	Commercial	Medical	Hospital / Hospice	Hospice
80	Den_CM03HP	CM03HP	Hospital	C	M	3	HP	Commercial	Medical	Hospital / Hospice	Hospital
81	Den_CM04	CM04	Medical / Testing / Research Laboratory	C	M	4		Commercial	Medical	Medical / Testing / Research Laboratory	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
82	Den_CM05	CM05	Professional Medical Service	C	M	5		Commercial	Medical	Professional Medical Service	
		CM05ZS	Assessment / Development Services	C	M	5	ZS	Commercial	Medical	Professional Medical Service	Assessment / Development Services
83	Den_CN	CN	Animal Centre	C	N			Commercial	Animal Centre		
84	Den_CN01	CN01	Cattery / Kennel	C	N	1		Commercial	Animal Centre	Cattery / Kennel	
85	Den_CN02	CN02	Animal Services	C	N	2		Commercial	Animal Centre	Animal Services	
		CN02AX	Animal Quarantining	C	N	2	AX	Commercial	Animal Centre	Animal Services	Animal Quarantining
86	Den_CN03	CN03	Equestrian	C	N	3		Commercial	Animal Centre	Equestrian	
		CN03HB	Horse Racing / Breeding Stable	C	N	3	HB	Commercial	Animal Centre	Equestrian	Horse Racing / Breeding Stable
		CN03SB	Commercial Stabling /	C	N	3	SB	Commercial	Animal Centre	Equestrian	Commercial Stabling / Riding
			Riding								
87	Den_CN04	CN04	Vet / Animal Medical Treatment	C	N	4		Commercial	Animal Centre	Vet / Animal Medical Treatment	
88	Den_CN05	CN05	Animal / Bird / Marine	C	N	5		Commercial	Animal Centre	Animal / Bird / Marine Sanctuary	
			Sanctuary								
		CN05AN	Animal Sanctuary	C	N	5	AN	Commercial	Animal Centre	Animal / Bird / Marine Sanctuary	Animal Sanctuary
		CN05MR	Marine Sanctuary	C	N	5	MR	Commercial	Animal Centre	Animal / Bird / Marine Sanctuary	Marine Sanctuary
89	Den_CO01	CO01	Office / Work Studio	C	O	1		Commercial	Office	Office / Work Studio	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CO01EM	Embassy /, High Commission / Consulate	C	O	1	EM	Commercial	Office	Office / Work Studio	Embassy /, High Commission / Consulate
		CO01FM	Film Studio	C	O	1	FM	Commercial	Office	Office / Work Studio	Film Studio
		CO01GV	Central Government Service	C	O	1	GV	Commercial	Office	Office / Work Studio	Central Government Service
		CO01LG	Local	C	O	1	LG	Commercial	Office	Office / Work Studio	Local
			Government Service								Government Service
90	Den_CO02	CO02	Broadcasting (TV / Radio)	C	O	2		Commercial	Office	Broadcasting (TV / Radio)	
91	Den_CR01	CR01	Bank / Financial Service	C	R	1		Commercial	Retail	Bank / Financial Service	
92	Den_CR02	CR02	Retail Service Agent	C	R	2			Retail	Retail Service Agent	
		CR02PO	Post Office	C	R	2	PO	Commercial	Retail	Retail Service Agent	Post Office
93	Den_CR04	CR04	Market (Indoor / Outdoor)	C	R	4		Commercial	Retail	Market (Indoor / Outdoor)	
		CR04FK	Fish Market	C	R	4	FK	Commercial	Retail	Market (Indoor / Outdoor)	Fish Market
		CR04FV	Fruit / Vegetable Market	C	R	4	FV	Commercial	Retail	Market (Indoor / Outdoor)	Fruit / Vegetable Market
		CR04LV	Livestock Market	C	R	4	LV	Commercial	Retail	Market (Indoor / Outdoor)	Livestock Market
94	Den_CR05	CR05	Petrol Filling Station	C	R	5		Commercial	Retail	Petrol Filling Station	
95	Den_CR06	CR06	Public House / Bar / Nightclub	C	R	6		Commercial	Retail	Public House / Bar / Nightclub	

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
96	Den_CR07	CR07	Restaurant / Cafeteria	C	R	7		Commercial	Retail	Restaurant / Cafeteria	
97	Den_CR08	CR08	Shop / Showroom	C	R	8		Commercial	Retail	Shop / Showroom	
		CR08GC	Garden Centre	C	R	8	GC	Commercial	Retail	Shop / Showroom	Garden Centre
98	Den_CR09	CR09	Other Licensed Premise / Vendor	C	R	9		Commercial	Retail	Other Licensed Premise / Vendor	
99	Den_CR10	CR10	Fast Food Outlet / Takeaway (Hot / Cold)	C	R	10		Commercial	Retail	Fast Food Outlet / Takeaway (Hot / Cold)	
100	Den_CR11	CR11	Automated Teller Machine (ATM)	C	R	11		Commercial	Retail	Automated Teller Machine (ATM)	
101	Den_CS	CS	Storage Land	C	S			Commercial	Storage Land		
		CS01	General Storage Land	C	S	1		Commercial	Storage Land	General Storage Land	
		CS02	Builders' Yard	C	S	2		Commercial	Storage Land	Builders' Yard	
102	Den_CT	CT	Transport	C	T			Commercial	Transport		
103	Den_CT01	CT01	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	C	T	1		Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	
		CT01AF	Airfield	C	T	1	AF	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	Airfield
		CT01AY	Air Passenger Terminal	C	T	1	AY	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport	Air Passenger Terminal

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
										Infrastructure Facility	
		CT01AI	Air Transport Infrastructure Services	C	T	1	AI	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	Air Transport Infrastructure Services
		CT01AP	Airport	C	T	1	AP	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	Airport
		CT01HS	Helicopter Station	C	T	1	HS	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	Helicopter Station
		CT01HT	Heliport / Helipad	C	T	1	HT	Commercial	Transport	Airfield / Airstrip / Airport / Air Transport Infrastructure Facility	Heliport / Helipad
104	Den_CT02	CT02	Bus Shelter	C	T	2		Commercial	Transport	Bus Shelter	
105	Den_CT03	CT03	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	C	T	3		Commercial	Transport	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	
		CT03PK	Public Park And Ride	C	T	3	PK	Commercial	Transport	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	Public Park And Ride
		CT03PP	Public Car Parking	C	T	3	PP	Commercial	Transport	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	Public Car Parking
		CT03PU	Public Coach Parking	C	T	3	PU	Commercial	Transport	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	Public Coach Parking

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CT03VP	Public Commercial Vehicle Parking	C	T	3	VP	Commercial	Transport	Car / Coach / Commercial Vehicle / Taxi Parking / Park And Ride Site	Public Commercial Vehicle Parking
106	Den_CT04	CT04	Goods Freight Handling / Terminal	C	T	4		Commercial	Transport	Goods Freight Handling / Terminal	
		CT04AE	Air Freight Terminal	C	T	4	AE	Commercial	Transport	Goods Freight Handling / Terminal	Air Freight Terminal
		CT04CF	Container Freight	C	T	4	CF	Commercial	Transport	Goods Freight Handling / Terminal	Container Freight
		CT04RH	Road Freight Transport	C	T	4	RH	Commercial	Transport	Goods Freight Handling / Terminal	Road Freight Transport
		CT04RT	Rail Freight Transport	C	T	4	RT	Commercial	Transport	Goods Freight Handling / Terminal	Rail Freight Transport
107	Den_CT05	CT05	Marina	C	T	5		Commercial	Transport	Marina	
108	Den_CT06	CT06	Mooring	C	T	6		Commercial	Transport	Mooring	
109	Den_CT07	CT07	Railway Asset	C	T	7		Commercial	Transport	Railway Asset	
	Den_CT08	CT08	Station /	C	T	8		Commercial	Transport	Station / Interchange /	
110			Interchange / Terminal / Halt							Terminal / Halt	
		CT08BC	Bus / Coach Station	C	T	8	BC	Commercial	Transport	Station / Interchange / Terminal / Halt	Bus / Coach Station
		CT08RS	Railway Station	C	T	8	RS	Commercial	Transport	Station / Interchange / Terminal / Halt	Railway Station
		CT08VH	Vehicular Rail Terminal	C	T	8	VH	Commercial	Transport	Station / Interchange / Terminal / Halt	Vehicular Rail Terminal
111	Den_CT09	CT09	Transport Track / Way	C	T	9		Commercial	Transport	Transport Track / Way	
		CT09CL	Cliff Railway	C	T	9	CL	Commercial	Transport	Transport Track / Way	Cliff Railway

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CT09CX	Chair Lift / Cable Car / Ski Tow	C	T	9	CX	Commercial	Transport	Transport Track / Way	Chair Lift / Cable Car / Ski Tow
		CT09MO	Monorail	C	T	9	MO	Commercial	Transport	Transport Track / Way	Monorail
112	Den_CT10	CT10	Vehicle Storage	C	T	10		Commercial	Transport	Vehicle Storage	
		CT10BG	Boat Storage	C	T	10	BG	Commercial	Transport	Vehicle Storage	Boat Storage
		CT10BU	Bus / Coach Depot	C	T	10	BU	Commercial	Transport	Vehicle Storage	Bus / Coach Depot
113	Den_CT11	CT11	Transport Related Infrastructure	C	T	11		Commercial	Transport	Transport Related Infrastructure	
		CT11AD	Aqueduct	C	T	11	AD		Commercial	Transport	Transport Related Infrastructure
		CT11LK	Lock	C	T	11	LK	Commercial	Transport	Transport Related Infrastructure	Lock
		CT11WE	Weir	C	T	11	WE	Commercial	Transport	Transport Related Infrastructure	Weir
		CT11WG	Weighbridge / Load Gauge	C	T	11	WG	Commercial	Transport	Transport Related Infrastructure	Weighbridge / Load Gauge
114	Den_CT12	CT12	Overnight Lorry Park	C	T	12		Commercial	Transport	Overnight Lorry Park	
115	Den_CU	CU	Utility	C	U			Commercial	Utility		
116	Den_CU01	CU01	Electricity Sub-Station	C	U	1		Commercial	Utility	Electricity Sub-Station	
117	Den_CU02	CU02	Landfill	C	U	2		Commercial	Utility	Landfill	
	Den_CU03	CU03	Power Station / Energy	C	U	3		Commercial	Utility	Power Station / Energy Production	
Production											
		CU03ED	Electricity Distribution	C	U	3	ED	Commercial	Utility	Power Station / Energy Production	Electricity Distribution

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
118			Facility								Facility
		CU03EP	Electricity Production Facility	C	U	3	EP	Commercial	Utility	Power Station / Energy Production	Electricity Production Facility
		CU03WF	Wind Farm	C	U	3	WF	Commercial	Utility	Power Station / Energy Production	Wind Farm
		CU03WU	Wind Turbine	C	U	3	WU	Commercial	Utility	Power Station / Energy Production	Wind Turbine
119	Den_CU04	CU04	Pump House / Pumping Station / Water Tower	C	U	4		Commercial	Utility	Pump House / Pumping Station / Water Tower	
		CU04WC	Water Controlling / Pumping	C	U	4	WC	Commercial	Utility	Pump House / Pumping Station / Water Tower	Water Controlling / Pumping
		CU04WD	Water	C	U	4	WD	Commercial	Utility	Pump House / Pumping Station / Water Tower	Water
			Distribution / Pumping								Distribution / Pumping
		CU04WM	Water Quality Monitoring	C	U	4	WM	Commercial	Utility	Pump House / Pumping Station / Water Tower	Water Quality Monitoring
		CU04WS	Water Storage	C	U	4	WS	Commercial	Utility	Pump House / Pumping Station / Water Tower	Water Storage
		CU04WW	Waste Water Distribution / Pumping	C	U	4	WW	Commercial	Utility	Pump House / Pumping Station / Water Tower	Waste Water Distribution / Pumping
120	Den_CU06	CU06	Telecommunication	C	U	6		Commercial	Utility	Telecommunication	

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		CU06TE	Telecommunications Mast	C	U	6	TE	Commercial	Utility	Telecommunication	Telecommunications Mast
		CU06TX	Telephone Exchange	C	U	6	TX	Commercial	Utility	Telecommunication	Telephone Exchange
121	Den_CU07	CU07	Water / Waste Water / Sewage Treatment Works	C	U	7		Commercial	Utility	Water / Waste Water / Sewage Treatment Works	
		CU07WR	Waste Water Treatment	C	U	7	WR	Commercial	Utility	Water / Waste Water / Sewage Treatment Works	Waste Water Treatment
		CU07WT	Water Treatment	C	U	7	WT	Commercial	Utility	Water / Waste Water / Sewage Treatment Works	Water Treatment
	Den_CU09	CU09	Other Utility Use	C	U	9		Commercial	Utility	Other Utility Use	
		CU09OV	Observatory	C	U	9	OV	Commercial	Utility	Other Utility Use	Observatory
122		CU09RA	Radar Station	C	U	9	RA	Commercial	Utility	Other Utility Use	Radar Station
		CU09SE	Satellite Earth Station	C	U	9	SE	Commercial	Utility	Other Utility Use	Satellite Earth Station
		CU09CQ	Cable Terminal Station	C	U	9	CQ	Commercial	Utility	Other Utility Use	Cable Terminal Station
123	Den_CU10	CU10	Waste Management	C	U	10		Commercial	Utility	Waste Management	
124	Den_CU11	CU11	Telephone Box	C	U	11		Commercial	Utility	Telephone Box	
		CU11OP	Other Public Telephones	C	U	11	OP	Commercial	Utility	Telephone Box	Other Public Telephones
		CU12	Dam	C	U	12		Commercial	Utility	Dam	

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
125	Den_CX	CX	Emergency / Rescue Service	C	X			Commercial	Emergency / Rescue		
126	Den_CX01	CX01	Police / Transport Police / Station	C	X		1	Commercial	Emergency / Rescue Service	Police / Transport Police / Station	
		CX01PT	Police Training	C	X		1	PT	Commercial	Emergency / Rescue Service	Police / Transport Police / Station
127	Den_CX02	CX02	Fire Station	C	X		2	Commercial	Emergency /	Fire Station	
		CX02FT	Fire Service Training	C	X		2	FT	Commercial	Emergency / Rescue Service	Fire Station
128	Den_CX02	CX03	Ambulance Station	C	X		3	Commercial	Emergency / Rescue	Ambulance Station	
		CX03AA	Air Sea Rescue / Air Ambulance	C	X		3	AA	Commercial	Emergency / Rescue Service	Ambulance Station
129	Den_CX04	CX04	Lifeboat Services / Station	C	X		4	Commercial	Emergency / Rescue	Lifeboat Services / Station	
130	Den_CX05	CX05	Coastguard Rescue / Lookout / Station	C	X		5	Commercial	Emergency / Rescue Service	Coastguard Rescue / Lookout / Station	
131	Den_CX06	CX06	Mountain Rescue Station	C	X		6	Commercial	Emergency / Rescue	Mountain Rescue Station	
132	Den_CX08	CX08	Police Box / Kiosk	C	X		8	Commercial	Emergency / Rescue	Police Box / Kiosk	
133	Den_CZ	CZ	Information	C	Z			Commercial	Information		
134	Den_CZ01	CZ01	Advertising Hoarding	C	Z		1	Commercial	Information	Advertising Hoarding	
	Den_CZ02	CZ02	Tourist Information	C	Z		2	Commercial	Information	Tourist Information Signage	

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
135			Signage								
		CZ02VI	Visitor Information	C	Z	2	VI	Commercial	Information	Tourist Information Signage	Visitor Information
136	Den_CZ03	CZ03	Traffic Information Signage	C	Z	3		Commercial	Information	Traffic Information Signage	
137	Den_LL	LL	Allotment	L	L			Land	Allotment		
138	Den_LM	LM	Amenity - Open areas not attracting visitors	L	M			Land	Amenity - Open areas not attracting visitors		
139	Den_LM01	LM01	Landscaped Roundabout	L	M	1		Land	Amenity - Open areas	Landscaped Roundabout	
140	Den_LM02	LM02	Verge / Central Reservation	L	M	2		Land	Amenity - Open areas	Verge / Central Reservation	
		LM02NV	Natural Central Reservation	L	M	2	NV	Land	Amenity - Open areas not attracting visitors	Verge / Central Reservation	Natural Central Reservation
		LM02VE	Natural Verge	L	M	2	VE	Land	Amenity - Open areas not attracting visitors	Verge / Central Reservation	Natural Verge
141	Den_LM03	LM03	Maintained Amenity Land	L	M	3			Amenity - Open areas	Maintained Amenity Land	
142	Den_LM04	LM04	Maintained Surfaced Area	L	M	4		Land	Amenity - Open areas	Maintained Surfaced Area	
		LM04MV	Made Central Reservation	L	M	4	MV	Land	Amenity - Open areas not attracting visitors	Maintained Surfaced Area	Made Central Reservation

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		LM04PV	Pavement	L	M	4	PV	Land	Amenity - Open areas not attracting visitors	Maintained Surfaced Area	Pavement
143	Den_LO	LO	Open Space	L	O			Land	Open Space		
		LO01	Heath / Moorland	L	O	1		Land	Open Space	Heath / Moorland	
144	Den_LP	LP	Park	L	P			Land	Park		
145	Den_LP01	LP01	Public Park / Garden	L	P	1		Land	Park	Public Park / Garden	
146	Den_LP02	LP02	Public Open Space / Nature Reserve	L	P	2		Land	Park	Public Open Space / Nature Reserve	
147	Den_LP03	LP03	Playground	L	P	3		Land	Park	Playground	
		LP03PA	Play Area	L	P	3	PA	Land	Park	Playground	Play Area
		LP03PD	Paddling Pool	L	P	3	PD	Land	Park	Playground	Paddling Pool
148	Den_LU	LU	Unused Land	L	U			Land	Unused Land		
149	Den_LU01	LU01	Vacant / Derelict Land	L	U	1		Land	Unused Land	Vacant / Derelict Land	
150	Den_LW	LW	Water	L	W			Land	Water		
151	Den_LW	LW01	Lake / Reservoir	L	W	1		Land	Water	Lake / Reservoir	
		LW01BP	Balancing Pond	L	W	1	BP	Land	Water	Lake / Reservoir	Balancing Pond
		LW01BV	Buried Reservoir	L	W	1	BV	Land	Water	Lake / Reservoir	Buried Reservoir
152	Den_LW02	LW02	Named Pond	L	W	2		Land	Water	Named Pond	
		LW02DE	Dew Pond	L	W	2	DE	Land	Water	Named Pond	Dew Pond
		LW02DP	Decoy Pond	L	W	2	DP	Land	Water	Named Pond	Decoy Pond
		LW02IW	Static Water	L	W	2	IW	Land	Water	Named Pond	Static Water
153	Den_M	M	Military	M				Military			

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
154	Den_MA	MA	Army	M	A			Military	Army		
		MA99AR	Army Military Range	M	A	99	AR	Military	Army		Army Military Range
		MA99AS	Army Site	M	A	99	AS	Military	Army		Army Site
		MA99AT	Army Military Training	M	A	99	AT	Military	Army		Army Military Training
		MA99AG	Army Military Storage	M	A	99	AG	Military	Army		Army Military Storage
155	Den_MB	MB	Ancillary Building	M	B			Military	Ancillary Building		
		MB99TG	Military Target	M	B	99	TG	Military	Ancillary Building		Military Target
156	Den_MF	MF	Air Force	M	F			Military	Air Force		
		MF99UG	Air Force Military Storage	M	F	99	UG	Military	Air Force		Air Force Military Storage
		MF99UR	Air Force Military Range	M	F	99	UR	Military	Air Force		Air Force Military Range
		MF99US	Air Force Site	M	F	99	US	Military	Air Force		Air Force Site
		MF99UT	Air Force	M	F	99	UT	Military	Air Force		Air Force Military Training
			Military Training								
157	Den_MG	MG	Defence Estates	M	G			Military	Defence		
158	Den_MN	MN	Navy	M	N			Military	Navy		
		MN99VG	Naval Military Storage	M	N	99	VG	Military	Navy		Naval Military Storage
		MN99VR	Naval Military Range	M	N	99	VR	Military	Navy		Naval Military Range
		MN99VS	Naval Site	M	N	99	VS	Military	Navy		Naval Site

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
		MN99VT	Naval Military Training	M	N	99	VT	Military	Navy		Naval Military Training
159	Den_ OG04	OG04	Slurry Bed / Pit	O	G	4		Other (Ordnance)	Agricultural Support	Slurry Bed / Pit	
160	Den_ OI	OI	Industrial Support	O	I			Other (Ordnance)	Industrial Support		
161	Den_ OI02	OI02	Caisson / Dry Dock / Grid	O	I	2		Other (Ordnance)	Industrial Support	Caisson / Dry Dock / Grid	
162	Den_ OI03	OI03	Channel / Conveyor / Conduit / Pipe	O	I	3		Other (Ordnance Survey)	Industrial Support	Channel / Conveyor / Conduit / Pipe	
163	Den_ OI04	OI04	Chimney / Flue	O	I	4		Other (Ordnance)	Industrial Support	Chimney / Flue	
164	Den_ OI05	OI05	Crane / Hoist / Winch / Material Elevator	O	I	5		Other (Ordnance Survey)	Industrial Support	Crane / Hoist / Winch / Material Elevator	
165	Den_ OI06	OI06	Flare Stack	O	I	6		Other (Ordnance)	Industrial Support	Flare Stack	
166	Den_ OI07	OI07	Hopper / Silo / Cistern / Tank	O	I	7		Other (Ordnance)	Industrial Support	Hopper / Silo / Cistern / Tank	
167	Den_ OI08	OI08	Grab / Skip / Other Industrial Waste Machinery / Discharging	O	I	8		Other (Ordnance Survey Only)	Industrial Support	Grab / Skip / Other Industrial Waste Machinery / Discharging	
168	Den_ OI09	OI09	Kiln / Oven / Smelter	O	I	9		Other (Ordnance)	Industrial Support	Kiln / Oven / Smelter	
169	Den_ OI10	OI10	Manhole / Shaft	O	I	10		Other (Ordnance)	Industrial Support	Manhole / Shaft	

Column No.	Variable	Component AddressBase Premium land use description ⁴⁵									
		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
170	Den_OI13	OI13	Solar Panel / Waterwheel	O	I	13		Other (Ordnance Survey Only)	Industrial Support	Solar Panel / Waterwheel	
171	Den_OR01	OR01	Postal Box	O	R	1		Other (Ordnance)	Royal Mail Infrastructure	Postal Box	
172	Den_OR03	OR03	PO Box	O	R	3		Other (Ordnance)	Royal Mail Infrastructure	PO Box	
173	Den_R	R	Residential	R				Residential			
174	Den_RB	RB	Ancillary Building	R	B			Residential	Ancillary Building		
175	Den_RC01	RC	Car Park Space	R	C			Residential	Car Park		
		RC01	Allocated Parking	R	C	1		Residential	Car Park Space	Allocated Parking	
176	Den_RD	RD	Dwelling	R	D			Residential	Dwelling		
177	Den_RD01	RD01	Caravan	R	D	1		Residential	Dwelling	Caravan	
178	Den_RD02	RD02	Detached	R	D	2		Residential	Dwelling	Detached	
179	Den_RD03	RD03	Semi-Detached	R	D	3		Residential	Dwelling	Semi-Detached	
180	Den_RD04	RD04	Terraced	R	D	4		Residential	Dwelling	Terraced	
181	Den_RD06	RD06	Self Contained Flat (Includes Maisonette / Apartment)	R	D	6		Residential	Dwelling	Self Contained Flat (Includes Maisonette / Apartment)	
182	Den_RD07	RD07	House Boat	R	D	7		Residential	Dwelling	House Boat	
183	Den_RD08	RD08	Sheltered Accommodation	R	D	8			Dwelling	Sheltered Accommodation	
184	Den_RD10	RD10	Privately Owned Holiday Caravan / Chalet	R	D	10		Residential	Dwelling	Privately Owned Holiday Caravan / Chalet	
185	Den_RG	RG	Garage	R	G			Residential	Garage		

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
186	Den_RG02	RG02	Lock-Up Garage / Garage Court	R	G	2		Residential	Garage	Lock-Up Garage / Garage Court	
187	Den_RH	RH	House In Multiple Occupation	R	H			Residential	House In Multiple Occupation		
188	Den_RH01	RH01	HMO Parent	R	H	1		Residential	House In Multiple Occupation	HMO Parent	
189	Den_RH02	RH02	HMO Bedsit / Other Non Self Contained Accommodation	R	H	2		Residential	House In Multiple Occupation	HMO Bedsit / Other Non Self Contained Accommodation	
190	Den_RH03	RH03	HMO Not Further Divided	R	H	3		Residential	House In Multiple	HMO Not Further Divided	
191	Den_RI	RI	Residential Institution	R	I			Residential	Residential Institution		
192	Den_RI01	RI01	Care / Nursing Home	R	I	1		Residential	Residential Institution	Care / Nursing Home	
193	Den_RI02	RI02	Communal Residence	R	I	2		Residential	Residential Institution	Communal Residence	
		RI02NC	Non-Commercial Lodgings	R	I	2	NC	Residential	Residential Institution	Communal Residence	Non-Commercial Lodgings
		RI02RC	Religious Community	R	I	2	RC	Residential	Residential Institution	Communal Residence	Religious Community
194	Den_RI03	RI03	Residential Education	R	I	3		Residential	Residential Institution	Residential Education	
195	Den_Z	Z	Object of Interest	Z				Object of Interest			
196	Den_ZA	ZA	Archaeological Dig Site	Z	A				Archaeological Dig Site		

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
197	Den_ZM	ZM	Monument	Z	M			Object of	Monument		
198	Den_ZM01	ZM01	Obelisk / Milestone / Standing Stone	Z	M		1	Object of Interest	Monument	Obelisk / Milestone / Standing Stone	
		ZM01OB	Obelisk	Z	M		1 OB	Object of Interest	Monument	Obelisk / Milestone / Standing Stone	Obelisk
		ZM01ST	Standing Stone	Z	M		1 ST	Object of Interest	Monument	Obelisk / Milestone / Standing Stone	Standing Stone
199	Den_ZM02	ZM02	Memorial / Market Cross	Z	M		2	Object of Interest	Monument	Memorial / Market Cross	
200	Den_ZM03	ZM03	Statue	Z	M		3	Object of	Monument	Statue	
201	Den_ZM04	ZM04	Castle / Historic Ruin	Z	M		4	Object of Interest	Monument	Castle / Historic Ruin	
202	Den_ZM05ZM05BS	ZM05	Other Structure	Z	M		5	Object of	Monument	Other Structure	
			Boundary Stone	Z	M		5 BS	Object of Interest	Monument	Other Structure	Boundary Stone
		ZM05PN	Permanent Art Display / Sculpture	Z	M		5 PN	Object of Interest	Monument	Other Structure	Permanent Art Display / Sculpture
		ZM05CE	Cascade / Fountain	Z	M		5 CE	Object of Interest	Monument	Other Structure	Cascade / Fountain
		ZM05WI	Windmill (Inactive)	Z	M		5 WI	Object of Interest	Monument	Other Structure	Windmill (Inactive)
203	Den_ZS	ZS	Stately Home	Z	S			Object of	Stately Home		
204	Den_ZU	ZU	Underground Feature	Z	U			Object of Interest	Underground Feature		
205	Den_ZU01	ZU01	Cave	Z	U		1	Object of	Underground	Cave	
206	Den_ZV	ZV	Other	Z	V			Object of Interest	Other Underground Feature		
			Underground Feature								

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
207	Den_ZV02	ZV02	Disused Mine	Z	V	2		Object of Interest	Other Underground Feature	Disused Mine	
		ZV02MI	Mineral Mining / Inactive	Z	V	2	MI	Object of Interest	Other Underground Feature	Disused Mine	Mineral Mining / Inactive
		ZV02OI	Oil And / Gas Extraction / Inactive	Z	V	2	OI	Object of Interest	Other Underground Feature	Disused Mine	Oil And / Gas Extraction / Inactive
		ZV02QI	Mineral Quarrying And / Open Extraction / Inactive	Z	V	2	QI	Object of Interest	Other Underground Feature	Disused Mine	Mineral Quarrying And / Open Extraction / Inactive
208	Den_ZV03	ZV03	Well / Spring	Z	V	3		Object of Interest	Other Underground Feature	Well / Spring	
		ZV03SG	Spring	Z	V	3	SG	Object of Interest	Other Underground Feature	Well / Spring	Spring
		ZV03WL	Well	Z	V	3	WL	Object of Interest	Other Underground Feature	Well / Spring	Well
209	Den_ZW	ZW	Place Of Worship	Z	W			Object of Interest	Place Of Worship		
210	Den_ZW99CA	ZW99CA	Cathedral	Z	W	99	CA	Object of Interest	Place Of Worship		Cathedral
211	Den_ZW99CH	ZW99CH	Church	Z	W	99	CH	Object of Interest	Place Of Worship		Church
212	Den_ZW99CP	ZW99CP	Chapel	Z	W	99	CP	Object of Interest	Place Of Worship		Chapel
213	Den_ZW99KH	ZW99KH	Kingdom Hall	Z	W	99	KH	Object of Interest	Place Of Worship		Kingdom Hall
214	Den_ZW99MQ	ZW99MQ	Mosque	Z	W	99	MQ	Object of Interest	Place Of Worship		Mosque

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		Land use code	Class Desc.	Primary Code	Secondary Code	Tertiary Code	Quaternary Code	Primary Desc.	Secondary Desc.	Tertiary Desc.	Quaternary Desc.
215	Den_ZW99SY	ZW99SY	Synagogue	Z	W	99	SY	Object of Interest	Place Of Worship		Synagogue
216	Den_ZW99TP	ZW99TP	Temple	Z	W	99	TP	Object of Interest	Place Of Worship		Temple
217	Den_Bstops	Density of bus stops calculated from NAPTAN database.									